

What is claimed is:

1. Masterbatch (MB) comprising at least a colorant and polyester resin, wherein the glass transition temperature (Tg) and the softening point (Sp) of said polyester resin satisfy the correlations defined by formulae (1) and (2):

$$4Tg - 170 \leq Sp \leq 4Tg - 110 \quad (1); \text{ and}$$

$$90 \leq Sp \leq 120 \quad (2).$$

2. The masterbatch (MB) according to claim 1, wherein the storage modulus (G') at 100°C is 10E + 3 or higher and the ratio of a colorant to resin is between 25:75 and 55:45.

3. Toner using the masterbatch according to claim 1 or 2.

4. The toner according to claim 3 comprising polyol resins synthesized via reactions of crystalline polyester resins having a softening point of 80°C to 150°C, epoxy resins (a), dihydric phenol (b), and an alkylene oxide adduct of dihydric phenol or a glycidyl ether compound thereof (c), having a polyoxyalkylene moiety in its main chain, and having the ratio of the weight average molecular weight to the number average molecular weight (Mw/Mn) of 4 to 10.

5. The toner according to claim 4, wherein said polyol resins comprise 10 to 40 parts by weight of component (c) based on the total amount thereof (100 parts by weight).

6. The toner according to claim 4 or 5, wherein component (a) is comprised of at least 2 types of bisphenol epoxy resins having different number average molecular weights (Mn).

7. The toner according to any one of claims 4 to 6, wherein the epoxy equivalent

weight of said polyol resins is 20,000 or higher.

8. The toner according to any one of claims 4 to 7, wherein the softening point of said polyol resins is between 115°C and 130°C.

9. The toner according to any one of claims 4 to 8, wherein the amount of component (c) is 10 to 50 parts by weight based on 100 parts by weight of component (a) in polyol resins.

10. The toner according to any one of claims 4 to 9, wherein the melting point of a mold-releasing agent contained in said toner is between 70°C and 120°C.